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Feb 18, 1985

DERWENT-ACC-NO: 1985-078388

DERWENT-WEEK: 198513

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TITLE: Grease compsn. for lubricating ball joints - comprises synthetic poly:
alpha-olefin! oil, wax and urea cpd.

PATENT-ASSIGNEE: DAIHATSU MOTOR CO LTD (DAHM), NIPPON GREASE KKO LTD (NIGRN)

PRIORITY-DATA: 1983JP-0140085 (July 29, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60031598 A	February 18, 1985		007	
JP 87013397 B	March 26, 1987		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP60031598A	July 29, 1983	1983JP-0140085	

INT-CL (IPC): C10M 105/68; C10M 107/02; C10M 109/00; C10M 115/08; C10M 169/02; C10N
40/00; C10N 50/10

ABSTRACTED-PUB-NO: JP60031598A

BASIC-ABSTRACT:

Compsn. comprises (A) 100 pts.wt. synthetic poly-alpha-olefin oil having 500-2000 cs viscosity at 40 deg. C; (B) 6-30 pts.wt. of paraffin wax, polyethylene wax, microcrystalline wax and/or fatty acid amide wax; and (C) 1-50 pts.wt. urea cpd. adhesion improver.

Fatty acid amide wax is e.g. methylene-bis-(stearoamide), methylene-bis-(t etradecane-amide), ethylene-bis-(stearoamide), etc. Urea cpd. is e.g. diurea cpd., polyurea cpd. etc.

USE/ADVANTAGE - Grease is useful for the lubrication of linking part of ball joint of steering device of vehicles made of metallic ball stud and plastic ball seat. Stable, low steering torque is obt'd. over a wide range of temp. (e.g., from -30 to 90 deg.C) though the clearance between metallic ball stud and plastic ball seat is made as small as possible. Compsn. has high water- and corrosion resistance, and ball seat made of synthetic resin and dust cover made of rubber are not harmed by it.

ABSTRACTED-PUB-NO: JP60031598A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A97 H07

CPI-CODES: A04-G01E; A08-M05; A08-P08; A12-W02; H07-C;

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